

ABSTRACT OF THE DISCLOSURE

An engine exhaust emission purification apparatus for reducing and purifying NO_x in the exhaust emission by using a liquid reducing agent having a temperature maintenance device for maintaining a temperature of at least a part of a liquid reducing agent supply system configured by an injection nozzle and piping of the injection nozzle at a temperature lower than a boiling point of a solvent of the liquid reducing agent or equal to or higher than a melting point of dissolved matter in which the liquid reducing agent existing in the liquid reducing agent supply system conducts heat exchange with the liquid reducing agent supply system thereby being maintained at a temperature lower than the boiling point of the solvent or equal to or higher than the melting point of the dissolved matter and resultantly, occurrence of precipitation of the dissolved matter due to evaporation of only the solvent in the liquid reducing agent supply system does not occur, and even if precipitation of the dissolved matter occurs, the dissolved matter per se is melt away to prevent an injection hole of the injection nozzle from being clogged.